


FORM PTO-1449 (REV. 7-80)		ATTY. DOCKET NO. LKS94-04A2		SERIAL NO. 08/875,849	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				APPLICANTS M.J. Briskin, D.J. Ringler, D. Picarella and W. Newman	
FILING DATE September 8, 1997				GROUP	


U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
RS	AA	5,403,919	04-APR-95	Butcher, E.C.	530	388.22	03-MAR-93
	AB	5,599,676	04-FEB-97	Vonderheide et al.	435	7.2	14-OCT-94
	AC	5,538,724	23-JUL-96	Butcher et al.	424	152.1	19-DEC-91
	AD	5,225,538	06-JUL-93	Capon et al.	530	387.3	16-DEC-91
	AE	5,428,130	27-JUN-95	Capon et al.	530	350	08-DEC-92
	AF	5,565,335	15-OCT-96	Capon et al.	435	64.7	02-MAY-94
	AG						
	AH						
	AI						

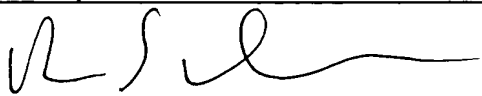
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
RS	AL	WO 93/15764	19-08-93	PCT WO	-	-	
	AM	WO 94/16094	21-07-94	PCT WO	-	-	
	AN	WO 93/23526	25-11-93	PCT WO	-	-	
	AO	0 303 463 B1	30-11-94	EPO	-	-	
	AP	WO 94/13312	23-06-94	PCT WO	-	-	
	AQ	WO 90/07321	12-07-90	PCT WO	-	-	
	AL2	WO 95/19790	27-07-95	PCT WO	-	-	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
RS	AR Ringler, D.J. et al., "Cellular Localization of Simian Immuno- deficiency Virus in Lymphoid Tissues I. Immunohistochemistry and Electron Microscopy", Am. J. Path., 134(2):373-383 (1989).
	AS Strober, Warren and Ehrhardt, Rolf O., "Chronic Intestinal Inflammation: An Unexpected Outcome in Cytokine or T Cell Receptor Mutant Mice", Cell, 75:203-205 (1993).
	AT Sadlack, Benjamin et al., "Ulcerative Colitis-like Disease in Mice with a Disrupted Interleukin-2 Gene", Cell, 75:253-261 (1993).

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BBS	AU	Hamann, Alf et al., "Role of α_4 -Integrins in Lymphocyte Homing to Mucosal Tissues In Vivo", <i>J. Immunol.</i> , 152:3282-3293 (1994).			
	AV	Cooper, Harry S. et al., "Clinicopathologic Study of Dextran Sulfate Sodium Experimental Murine Colitis", <i>Laboratory Investigation</i> , 69(2):238-249 (1993).			
	AW	Podolsky, Daniel K. et al., "Attenuation of Colitis in the Cotton-top Tamarin by Anti- α_4 integrin Monoclonal Antibody", <i>J. Clin. Invest.</i> , 92:372-380 (1993).			
	AX	Okayasu, Isao et al., "A Novel Method in the Induction of Reliable Experimental Acute and Chronic Ulcerative Colitis in Mice", <i>Gastroenterology</i> , 98:694-702 (1990).			
	AY	Podolsky, Daniel K., "Inflammatory Bowel Disease (First of Two Parts)", <i>N. Engl. J. Med.</i> , 325(13):928-937 (1991).			
	AZ	Podolsky, Daniel K., "Inflammatory Bowel Disease (Second of Two Parts)", <i>N. Engl. J. Med.</i> , 325(14):1008-1016 (1991).			
	AR2	Springer, Timothy A., "The Sensation and Regulation of Interactions with the Extracellular Environment: The Cell Biology of Lymphocyte Adhesion Receptors", <i>Annu. Rev. Cell Biol.</i> , 6:359-402 (1990).			
	AS2	Dueñas, Marta and Borrebaeck, Carl A.K., "Clonal Selection and Amplification of Phage Displayed Antibodies by Linking Antigen Recognition and Phage Replication", <i>Bio/Technology</i> , 12:999-1002 (1994).			
✓	AT2	Picker, Louis, J. and Butcher, Eugene C., "Physiological and Molecular Mechanisms of Lymphocyte Homing", <i>Annu. Rev. Immunol.</i> , 10:561-591 (1992).			
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[Signature]		8/25/94			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
(33)	AU2	Hynes, Richard O., "Integrins: Versatility, Modulation, and Signaling in Cell Adhesion", <i>Cell</i> , 69:11-25 (1992).	
	AV2	Michie, Sara A. et al., "The Human Peripheral Lymph Node Vascular Addressin, An Inducible Endothelial Antigen Involved in Lymphocyte Homing", <i>Am. J. Path.</i> , 143(6):1688-1698 (1993).	
	AW2	Berlin, Cornelia et al., " $\alpha 4\beta 7$ Integrin Mediates Lymphocyte Binding to the Mucosal Vascular Addressin MAdCAM-1", <i>Cell</i> , 74:185-195 (1993).	
	AX2	Schweighoffer, Tamas et al., "Selective Expression of Integrin $\alpha 4\beta 7$ on a Subset of Human CD4 ⁺ Memory T Cells with Hallmarks of Gut-Trophism", <i>J. Immunol.</i> , 151(2):717-729 (1993).	
	AY2	Springer, Timothy A., "Traffic Signals for Lymphocyte Recirculation and Leukocyte Emigration: The Multistep Paradigm", <i>Cell</i> , 76:301-314 (1994).	
	AZ2	Briskin, Michael J. et al., "MAdCAM-1 has homology to immunoglobulin and mucin-like adhesion receptors and to IgA1", <i>Nature</i> , 363:461-463 (1993).	
	AR3	Salmi, Marko et al., "Aberrant Binding of Lamina Propria Lymphocytes to Vascular Endothelium in Inflammatory Bowel Diseases", <i>Gastroenterology</i> 106:596-605 (1994).	
	AS3	Silber, Alexandra et al., "Recruitment of Lymphocytes during Cutaneous Delayed Hypersensitivity in Nonhuman Primates is Dependent on E-Selectin and Vascular Cell Adhesion Molecule 1", <i>J. Clin. Invest.</i> , 93:1554-1563 (1994).	
	AT3	Salmi, Marko et al., "Dual Binding Capacity of Mucosal Immunoblasts to Mucosal and Synovial Endothelium in Humans: Dissection of the Molecular Mechanisms", <i>J. Exp. Med.</i> , 181: 137-149 (1995).	
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V433	AU3	Anderson, David P. et al., "Distinct but Overlapping Epitopes Are Involved in $\alpha_4\beta_7$ -Mediated Adhesion to Vascular Cell Adhesion Molecule-1, Mucosal Addressin-1, Fibronectin, and Lymphocyte Aggregation", <i>J. Immunol.</i> , 153:3847-3861 (1994).	
	AV3	Lazarovits, Andrew I. et al., "I. A Monoclonal Antibody, Anti-Act I, Defines a New Late Lymphocyte Activation Antigen", <i>J. Immunol.</i> , 133(4):1857-1862 (1984).	
	AW3	Schweighoffer, Tamas et al., "Selective Expression of Integrin $\alpha_4\beta_7$ on a Subset of Human CD4 ⁺ Memory T Cells with Hallmarks of Gut-Trophism ¹ ", <i>J. Immunol.</i> , 151(2):717-729 (1993).	
	AX3	Erle, David J. et al., "Expression and Function of the MAdCAM-1 Receptor, Integrin $\alpha_4\beta_7$, on Human Leukocytes ¹ ", <i>J. Immunol.</i> , 153:517-528 (1994).	
	AY3	Berg, E.L., et al., "L-selectin-mediated lymphocyte rolling on MAdCAM-1", <i>Nature</i> , 366:695-698 (1993).	
	AZ3	Berlin, C., et al., " α_4 Integrins Mediate Lymphocyte Attachment and Rolling under Physiologic Flow", <i>Cell</i> , 80:413-422 (1995).	
	AR4	Osband, M.E. and Ross, S., "Problems in the Investigational Study and Clinical Use of Cancer", <i>Immunol. Today</i> , 11(6):103-105 (1990).	
	AS4	Harris, W.J. and Emery, S., "Therapeutic Antibodies-The Coming of Age", <i>TIBTECH</i> , 11:42-44 (1993).	
	AT4	Waldmann, T.A., "Monoclonal Antibodies in Diagnosis and Therapy", <i>Science</i> , 252:1657-1662 (1991).	
	AU4	Yang, Y., et al., "Construction and Adhesive Properties of a Soluble MAdCAM-1-Fc Chimera Expressed in a Baculovirus System: Phylogenetic Conservation of Receptor-Ligand Interaction," <i>Scand. J. Immunol.</i> , 42:235-247 (1995).	
✓	AV4	Bednarczyk, J.L., et al., "Identification of a Combinatorial Epitope Expressed by the Integrin $\alpha_4\beta_1$ Heterodimer Involved in the Regulation of Cell Adhesion," <i>J. Biol. Chem.</i> , 269(11):8348-8354 (1994).	
EXAMINER 		DATE CONSIDERED 8/25/96	